

B.Pharm II Year II Semester (R13) Supplementary Examinations May/June 2017

ENVIRONMENTAL SCIENCE & ETHICS

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- What is energy?
 - Write short note on world food problems.
 - Define ecosystem.
 - Explain about food chains.
 - Write about hot spots biodiversity.
 - Add a note on rain water harvesting.
 - Define air pollution and write its causes.
 - Write about the disaster management of cyclone.
 - Write a note on prudence.
 - What is morality interlude?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 Write notes on the following:
- Over exploitation of forest resources.
 - Conservation of natural resources.

OR

- 3
- Discuss briefly about land resources with suitable examples.
 - Explain in brief about the use and exploitation of mineral resources stressing on the environmental effect of extracting the minerals with suitable examples of case studies.

UNIT – II

- 4
- Discuss the evaluation climax ecosystem along with an example.
 - Explain the flow of energy through the various components of the ecosystem.

OR

- 5 What are the ecological pyramids? Explain why some of these pyramids are upright while others are inverted in different ecosystems.

UNIT – III

- 6 Explain the following with suitable examples:
- Ozone layer depletion.
 - Acid rain.

OR

- 7 Write notes on the following:
- In-situ conservation of biodiversity.
 - Resettlement and rehabilitation of people.

UNIT – IV

- 8
- What are the effects of Air pollution? And suggest control measures.
 - Explain the problems and consequences of population growth and explosion.

OR

- 9 Discuss the following with details:
- Control measures of urban and industrial wastes.
 - Population growth and environment.

UNIT – V

- 10 Write in detail about law, rule and act of ethics.

OR

- 11 Explain in detail about Amoralist and subjectivism first and further thoughts.
